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February..... PVC Industry's 20 years (11) by Editorial Staff Writers
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Jan. ..... Production-Import/Export Petrochemicals, Old ethylene plants closed, Production cut-buck in VC, Electrolysis salt allocation, Oversea EDC plans, PP production worried, Change on MMA schedule, ABS resin demand rising, Polycarbonate shortage, Epoxy resin on increase, Resin grades streamlining, VAC/Poval shortage, Polyacetal affected, TDI production low

Feb. ..... Styrene monomer shortage, Acrylate import from China, PMMA material shortage worried, Polycarbonate expansion projects, Large increase in unsat-polyester, Coloring matter makers join, Synthetic rubber expansion, Demand of EPDM increasing, IR also in high pace, Polybutene increase.

Mar. ..... PVC and allied chemical high production, VC from conventional acetylene, Thermosetts also high '73, 1973 production on high, FRP consumption on increase, Engineering plastics start level off, Polyacetal strong, Fluorocarbon resin increase expected, Acrylate shortage loosen, Phenol end-use forecast, Maleic acid estimate, Synthetic rubber increase, Choroprene rubber climbed, EPDM steady increase.

Apr. ..... Thermoplastics production high, Production capacity saturates, PMMA industry on increase, Steep increase of ABS, Phenolic resin production, Increase on vinyl acetate, PBT projects, PA production short, Caprolactam short, Expansion on EPDM, Export on synthetic rubber high, Rubber as plastics modifier.

May ..... How petrochemicals help daily life, Problem of plastics waste, Epoxy demand increasing, Thermosetting type adhesives stable, Caustic/Chlorine consumption.

Jun. ..... Export of petrochemicals on high, PVC export on rise, Poval export bright, LDPE Shortage predicted, Bis-Phenol supply smooth, Powder paint boom.

July ..... Slow down in plastics, PBT Projects and prediction, Plasticizer low production, Phenol expansion discussed.

Aug. ..... MMA monomer selling smooth, Poval export increase, High capacity of CR Rubber, Short supply of fluoride rubber, Nylon 12 monomer short, Butyl rubber export, TCP Demand increase, Bis-phenol export brisk.

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Oct. ..... Decrease on thermosetts, ABS Resin slow down, Epoxy resin also down, TDI export, MA export brisk, PPG decrease.

Nov. ..... Naphtha demand estimate, Petrochemicals estimate, LDPE export to USA, PVC demand estimate, Low consumption of PMMA, Polybutene healthy, Chloroprene export high, EPDM consumption down, PA consumption down too, Plastics recycling group.

Dec. ..... Slow down in petrochemical and polymers, Polymer production estimate discussed, Phenolic resin also low, Epoxy resin consumption down, Phthalic acid slow down, Poval slow down, TDI and PPG depression, Butanol low, Polyisoprene down, Over production of butadiene, PET export, Acetic acid estimate, Tie-up extension, Oversea investments.

Developments in Polymers

Jan. ..... Photo-sensitive resin, Printed circuit material, Starch plastics, Surface hardening of plastics, New Polymer

Feb. ..... Residue recycling, Non-smoke PS, Solar energy project, Plastics waste recovering.

Mar. ..... Voltage stabilizer, Thermosett recycle, Nylon waste treat, New PA catalyst, Caustic purifying know-how.

Apr. ..... New octanol catalyst, Iron ore smelting, Grafting on PE film, Electron treating on plywood, Polymer can, Polymer pencil.

May ..... Waste PVC application, Polymer flocculant, Spherical powder resin, Cryogenic plastics crusher, Waste PE/PP as pavement, VC Monomer recovering process, Waste plastics separation

Jun. ..... Non-burning material, Patent figures

July..... Isoprene rubber improvement, Isobutylene PMMA, Poval printing plate, New PE catalyst, Polarizing laminate, FRP synthetic wood, Mixed plastics separating system, Oligomer to oil.

Aug. ..... Nylon resin printing plate, Metal absorption polymer, Reben plate and pipe.

Sept. ..... Carbon fiber process, New catalyst, New adhesive, Fluoro carbon coating, NEP system, Hard surface PS foam, FRP tank application resicon

Oct. ..... New PE catalyst, Aronics, Non-solvent PU emulsion, Micro-particle paint, Polyimide molding, Resin concrete, Injection temperature measuring.

Nov..... PP catalyst, PU Emulsion, Non-inflammable PU projects.

Dec..... Carbon dioxide polymer, Non-inflammable PU foam, Flexo-printing use resin, Biodegrading poval, Precise mold preparing, Non-pollution plastics.

Plastics Industry in Japan

Jan. ..... PVC Film Low Production, PP Band Short, No Package Selling, PVC Pipe from Waste, Gutter from Waste, Reuse of PVC film, Plastics Waste cutting, Fuel from plastics.

Feb. ..... Plastics Molders Enjoyed Profit, Tax Reform For Waste Treating, Heavy Filling Trend, Standard Size PP, Biaxially Stretched PP Booming, PVC Pipe From Korea, FRP Boat VS Electricity, Synthetic Paper Rise.

Mar. ..... Plastics Production by Molded Shape, Shoe Heel Short, Phenolic Foam, Wire Covering Reclaim, Plastics/Paper, FRP Fish Container, Fish House.

Apr. ..... FRP Consumption Increase, PS Foam Production, Waste PS Foam Reuse, Plastics Waste Reuse, Seaweed Growing, PP Band Demands Increase.

May ..... Slow Down of G.P. Plastics, CPP Film Increasing, Adjustment on Bag Sizes, Epoxy Road Material, Tube Fittings, Special PVC Hose.

Jun. ..... Future ABS Considered Bright, PVC Plate Demand Down, PVC Pipe Healthy, PS Foam Demand Slow Down, PC Plate on High Demand, Cd Stabilizer May Fade Out.

July ..... Okinawa EXPO Uses PMMA, PVC Pipe Records Production, HDPE Synthetic Wood, ABS Synthetic Wood, Local Waste Recycle Project, Waste Plastics Sleepers, Carpet Backing From Waste.

Aug. ..... FRP Consumption Increase, Farm Use PVC Film Increase, PS Consumption Decrease, PP Film Slow Down, Rubber Ring Size Standard, FRP Boats, Rice Plant Box.

Sept. ..... Farm Use PVC Film, PU Foam Decrease, Plastics Bag Take Over Cloth Bag, Synthetic Leather, Oil Soaking PU, PVC Drain Pipe.

Oct. ..... CPP Film on Increase, Photo Sensitive Plate, High Barrier ABS Sheet, Plastics Waste Wood, Mitsubishi in FRP FW, PMMA Green House, FRP Boat.

Nov. ..... PS Foam Slow Down, Synthetic Pulp and Paper, SBR Shoe Sole, Santoglass PVC Film, Non-Polluting Tray, Insulating Cover for Pipe, Fancy Chain.

Dec..... LDPE Film Very Low, Unsat-Polyester Slow Down, Plastics Sake Carboy, FRP Gas Holder.

New Material and Products

Jan. ..... High Inorganic FRP, Vinyl Toluene, Acrylic Paint, Sealant, Low Foam PP.

Feb. ..... Photo Sensitive Adhesive, FRP Milk Tank, Non-Pollution Sheet, Pollution Controlling Joint, Frozen Food Label.

Mar. ..... Captive Use Stabilizer, Litona, Non-Polluting PVC.

Apr. ..... PE Foam, PE Tube, Furniture Material, Saranex, Rigid PU Foam.

May ..... Beaulon, Aslac, Decofoam, Yacon, PVC Filter, Hishi Bench.

June ..... Beaulon, Haridip, Opion Nonsol, SS Resin.

July ..... Liquid IR, Alkyd Coating, PU Synthetic Log, Ray Power Golf Ball.

Aug. ..... Flame Retardant Agent, UL Approval, Foam Composite, Water Soluble Paint.

Sept. ..... Enplex ABS, Injection Grade Phenolic, DPI for Stabilizer, Synthetic Fiber Modifier, Conductive Film, Sound Insulating Film.

Oct. ..... GL Resin, U Polymer, ACS Resin, Butadiene Resin, Paint Use Polyester, PVC Ceiling, PU Synthetic Wood, Plastics Band.

Nov. ..... UL Approved BAS, Another UL Grade, Acrylic Modified San, Paint Use Resin, Lining Material Non-Woven Cloth, Sumilite HSS, Turf Growing Mat, Seed Tape.

Dec. ..... U-Polymer, Fiber Makers Change, Meta-Marble, Phenolic Resin Laminate, Achiles Elmic, Atactic PP Adhesive.

Machineries

Mar. ..... Plastics Machinery Business Cold, Dynavent, Blend Feeder

May ..... Blend Feeder Injection

June ..... Rigid PVC Extruder, Two Colors Injection, Garbage Separating System

July ..... Injection Machine Series

Aug. ..... New Injection Machines

Sept. ..... Recycler, Co-Extrusion Blow Molding

Oct. ..... Large Injection Machine, Two Step Extruder, FRP Rotational Molding

International Plastics Information ..... from Jan. to Dec.